

ISO 18985:2025-07 (E)

Recycled aggregates for concrete

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Symbols and abbreviated terms.....	2
5 General requirements.....	3
5.1 General.....	3
5.2 Type of recycled aggregates.....	3
5.3 Class of recycled aggregates.....	3
6 Geometric requirements.....	3
6.1 General.....	3
6.2 Grading.....	3
6.3 Particle shape.....	3
6.4 Fines content.....	3
7 Physical requirements.....	4
7.1 General.....	4
7.2 Oven dry density.....	4
7.3 Water absorption.....	4
7.4 Resistance to fragmentation by LA abrasion.....	4
7.5 Impurities.....	4
7.5.1 Organic impurity.....	4
7.5.2 Inorganic impurity.....	5
7.6 Others.....	5
8 Chemical requirements.....	5
8.1 General.....	5
8.2 Chloride.....	5
8.3 Sulfate.....	5
9 Durability.....	6
9.1 General.....	6
9.2 Soundness.....	6
9.3 Alkali-silica reactivity.....	6
10 Transportation and storage.....	6
10.1 Transportation.....	6
10.2 Storage.....	6
11 Sampling and test methods.....	6
11.1 Sampling.....	6
11.2 Test methods.....	6
12 Inspection.....	7
13 Marking and labeling.....	7
14 Reporting.....	7
Annex A (Normative) Test method for impurity contents of recycled aggregates.....	8

Annex B (Informative) Application to concrete	12
Annex C (Informative) Method for freezing and thawing test of recycled coarse aggregate Class 1 and Class 2	13
Bibliography	17